

PART I  
REQUIREMENTS FOR NPDES PERMITS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

OUTFALL 001

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 001 - cooling pond discharge.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass(lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	14.7
Temperature	N/A	N/A	N/A	95°F (*2)
Total Dissolved Solids (*3)	(*1)(*5)	(*1)(*5)	N/A	N/A

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow (MGD)	1/week	In situ
Temperature	Continuous	Record
Total Dissolved Solids	1/month (*4)	Grab

OUTFALL 001

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/month by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Where Morgan Lake blowdown discharges through the existing parshall flume.

FOOTNOTES

- (\*1) Report.
- (\*2) Instantaneous maximum.
- (\*3) See Part II, paragraph F.
- (\*4) During periods of discharge.
- (\*5) Shall be reported as tons/day.

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OUTFALL 01A

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 01A - condenser cooling water discharge.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass (lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	N/A
Free Available Chlorine (*2)	238	596	(*1) mg/l	(*1) mg/l
Total Residual Chlorine (*3)	N/A	952	N/A	0.2 mg/l
Total Dissolved Solids (*5)	(*1)	(*1)	N/A	N/A
Biomonitoring	N/A	N/A	N/A	N/A

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow (MGD)	1/week	Measurement (*6)
Free Available Chlorine	1/week (*4)	Grab
Total Residual Chlorine	1/week (*3)	Grab
Total Dissolved Solids	1/month	Grab
Biomonitoring	1/month	(*7)

OUTFALL 01A

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Where condenser cooling water from units 1, 2, 3, 4, and 5, is discharged from the circulating water canal to Morgan Lake.

FOOTNOTES

- (\*1) Report.
- (\*2) See Part II, paragraph B.
- (\*3) See Part II, paragraph C.
- (\*4) Samples shall be representative of periods of chlorination.
- (\*5) See Part II, paragraph F.
- (\*6) Based on pumping records.
- (\*7) See Part II, paragraph H.

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OUTFALL 01B

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 01B - chemical metal cleaning wastewater (\*2).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass(lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	N/A
Total Suspended Solids	N/A	N/A	30 mg/l	100 mg/l
Oil & Grease	N/A	N/A	15 mg/l	20 mg/l
Iron, Total	N/A	N/A	1.0 mg/l	1.0 mg/l
Copper, Total	N/A	N/A	1.0 mg/l	1.0 mg/l

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow (MGD)	1/day	Estimate
Total Suspended Solids	1/occurrence	Grab
Oil & Grease	1/occurrence	Grab
Iron, Total	1/occurrence	Grab
Copper, Total	1/occurrence	Grab

OUTFALL 01B

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/occurrence by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Prior to mixing with any other waste source stream and/or release to the circulating water canal.

FOOTNOTES

- (\*1) Report.
- (\*2) See Part II, paragraph D.

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OUTFALL 01E

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 01E - combined waste treatment pond discharge.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass(lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	N/A
Total Suspended Solids	N/A	N/A	30 mg/l	100 mg/l
Oil & Grease	N/A	N/A	15 mg/l	20 mg/l

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow (MGD)	Daily	Estimate
Total Suspended Solids	1/week	Grab
Oil & Grease	1/week	Grab

OUTFALL 01E

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Prior to mixing with any other waste source stream and/or release to the circulating water canal.

FOOTNOTES

· (\*1) Report.



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OUTFALL 01G

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 01G - units 4 and 5 condensate storage tank releases.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass(lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	N/A
Total Suspended Solids	N/A	N/A	30 mg/l	100 mg/l
Oil & Grease	N/A	N/A	15 mg/l	20 mg/l

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow (MGD)	Daily	Estimate
Total Suspended Solids	1/occurrence	Grab
Oil & Grease	1/occurrence	Grab

OUTFALL 01G

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored N/A.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Prior to mixing with any other waste source stream and/or release to the circulating water canal.

FOOTNOTES

(\*1) Report.

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OUTFALL 01I

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 01I - units 4 and 5 boiler drains.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass(lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	N/A
Total Suspended Solids	N/A	N/A	30 mg/l	100 mg/l
Oil & Grease	N/A	N/A	15 mg/l	20 mg/l

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow (MGD)	Daily	Estimate
Total Suspended Solids	1/occurrence	Grab
Oil & Grease	1/occurrence	Grab

OUTFALL 01I

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored N/A.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Prior to mixing with any other waste source stream and/or release to the circulating water canal.

FOOTNOTES

(\*1) Report.

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OUTFALL 01J

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 01J - units 4 and 5 condenser hotwells overboard.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			
	<u>Mass(lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(*1)	N/A
Total Suspended Solids	N/A	N/A	30 mg/l	100 mg/l
Oil & Grease	N/A	N/A	15 mg/l	20 mg/l

<u>Effluent Characteristic</u>	<u>Monitoring Requirements</u>	
	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow (MGD)	Daily	Estimate
Total Suspended Solids	1/occurrence	Grab
Oil & Grease	1/occurrence	Grab

OUTFALL 01J

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored N/A.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Prior to mixing with any other waste source stream and/or release to the circulating water canal.

FOOTNOTES

(\*1) Report.